

**PRODUCTION OF ELECTRIC CONDUCTIVE TRANSPARENT FILM (05-116941****Publication Number:** JP 5116941 A) , May 14, 1993**Inventors:**

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**Applicants**

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**Application Number:** 03-284457 (JP 91284457) , October 30, 1991**International Class (IPC Edition 5):**

- C01G-019/00
- C03C-017/25
- C23C-018/12
- H01B-005/14
- H01B-013/00

**JAPIO Class:**

- 13.2 (INORGANIC CHEMISTRY--- Inorganic Compounds)
- 12.6 (METALS--- Surface Treatment)
- 13.3 (INORGANIC CHEMISTRY--- Ceramics Industry)
- 41.5 (MATERIALS--- Electric Wires & Cables)

**Abstract:**

**PURPOSE:** To stably produce an electric conductive transparent film having low resistance and high transmissivity at a low cost.

**CONSTITUTION:** A composition for forming an electric conductive transparent film containing at least an inorganic indium compound, an organotin compound having  $\geq 22$  atomic % oxygen content and an organic compound capable of coordination with both indium and tin is applied to a substrate, dried and fired at  $\geq 400$  deg.C in a reducing atmosphere to produce an electric conductive transparent film. (From: *Patent Abstracts of Japan*, Section: C, Section No. 1103, Vol. 17, No. 475, Pg. 95, August 30, 1993 )

**JAPIO**

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